intel ®

ABSTRACT

Briefly, in accordance with one embodiment of the invention, a client node transmits a wakeup notification message to a supporter node when the client node is in a higher power awake mode. The supporter node may transmit data, if any, to the client node until there is no more data to be transmitted to the client node. The supporter node then transmits a done transmitting packet to the client node when the buffer memory is empty to indicate there is no more data to be transmitted. Upon receiving a done transmitting packet, the client node may enter into a lower power sleep mode until a subsequent awake event. The wakeup notification message may be transmitted by the client node at a time or interval selected to provide a power savings to the client node.